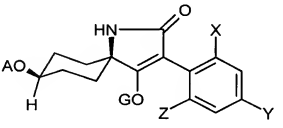
Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (currently amended) ~~Compounds~~ A compound of the formula (I)



(I)

in which

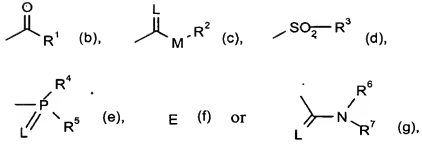
X represents C_2-C_4-alkyl,

Y represents halogen, ~~and~~

Z represents C_1-C_4-alkyl,

A represents alkyl,

G represents hydrogen (a), ~~or represents~~



in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur,

M represents oxygen or sulphur,

R^1 represents in each case optionally substituted alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl or polyalkoxyalkyl, or represents cycloalkyl or heterocyclyl, each of which is optionally substituted by halogen, alkyl or alkoxy, or represents in each case optionally substituted phenyl, ~~hetaryl~~ heteroaryl, phenyl-C_1-C_4-alkyl, phenyl-C_1-C_2-alkenyl or ~~hetaryl-C_1-C_4-alkyl~~ heteroaryl-C_1-C_4-alkyl,

R^2 represents in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl or polyalkoxyalkyl, or represents in each case optionally substituted cycloalkyl, phenyl or benzyl,

R^3, R^4 and R^5 independently of one another represent in each case optionally halogen-substituted alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio or cycloalkylthio, or represent

in each case optionally substituted phenyl, benzyl, phenoxy or phenylthio,

R^6 and R^7 independently of one another represent hydrogen, ~~represent~~ in each case optionally halogen-substituted alkyl, cycloalkyl, alkenyl, alkoxy, or alkoxyalkyl, or represent in each case optionally substituted phenyl or benzyl, or R^6 and R^7 together with the N atom to which they are attached form an optionally substituted cycle which optionally contains oxygen or sulphur.

2. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1 in which

X represents ethyl, n-propyl or n-butyl,

Y represents halogen,

Z represents methyl, ethyl or n-propyl,

A represents C_1-C_6-alkyl,

G represents hydrogen (a), ~~or represents one of the groups~~

 (b),  (c),  (d),

 (e), E (f) or  (g),

in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur, ~~and~~

M represents oxygen or sulphur,

R^1 represents C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl or poly-C_1-C_4-alkoxy-C_1-C_4-alkyl, each of which is optionally mono- to heptasubstituted by halogen, mono- or disubstituted by cyano, monosubstituted by -CO-R^{11}, -C=N-OR^{11}, -CO_2R^{11} or $CO-N(R^{11})(R^{11'})$, or represents C_3-C_8-cycloalkyl which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, C_1-C_4-alkyl [[or]] and C_1-C_4-alkoxy, wherein ~~and in which optionally~~ one or two not directly adjacent methylene groups of said C_3-C_8-cycloalkyl are optionally replaced by oxygen ~~and/or~~ or sulphur, or

represents phenyl, phenyl-C_1-C_2-alkyl or phenyl-C_1-C_2-alkenyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, cyano, nitro, C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-haloalkyl, C_1-C_6-haloalkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylsulphinyl [[or]] and C_1-C_6-alkylsulphonyl, or

represents 5- or 6-membered ~~hetaryl~~ heteroaryl ~~which is~~ optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from

the group consisting of halogen [[or]] and C_1-C_6-alkyl and has one or two heteroatoms selected from the group consisting of oxygen, sulphur and nitrogen,

R^2 represents C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_6-alkoxy-C_2-C_6-alkyl or poly-C_1-C_6-alkoxy-C_2-C_6-alkyl, each of which is optionally mono- to trisubstituted by halogen,

represents C_3-C_8-cycloalkyl ~~which is~~ optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C_1-C_6-alkyl [[or]] and C_1-C_6-alkoxy, or

represents phenyl or benzyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, cyano, nitro, C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-haloalkyl [[or]] and C_1-C_6-haloalkoxy,

R^3 represents C_1-C_8-alkyl which is optionally mono- or polysubstituted by halogen, or represents phenyl or benzyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_4-haloalkyl, C_1-C_4-haloalkoxy, cyano [[or]] and nitro,

R^4 and R^5 independently of one another represent C_1-C_8-alkyl, C_1-C_8-alkoxy, C_1-C_8-alkylamino, di-(C_1-C_8-alkyl)amino, C_1-C_8-alkylthio or C_2-C_8-alkenylthio, each of which is optionally mono- to trisubstituted by

halogen, or ~~represent~~ phenyl, phenoxy or phenylthio, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, nitro, cyano, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, C_1-C_4-alkylthio, C_1-C_4-haloalkylthio, C_1-C_4-alkyl [[or]] and C_1-C_4-haloalkyl,

R^6 and R^7 independently of one another represent hydrogen, ~~represent~~ C_1-C_8-alkyl, C_3-C_8-cycloalkyl, C_1-C_8-alkoxy, C_3-C_8-alkenyl or C_1-C_8-alkoxy-C_2-C_8-alkyl, wherein said C_1-C_8-alkyl, C_3-C_8-cycloalkyl, C_1-C_8-alkoxy, C_3-C_8-alkenyl or C_1-C_8-alkoxy-C_2-C_8-alkyl ~~each of which~~ is optionally mono- to trisubstituted by halogen, or represent phenyl or benzyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of halogen, C_1-C_8-alkyl, C_1-C_8-haloalkyl [[or]] and C_1-C_8-alkoxy, or R^6 and R^7 together represent a C_3-C_6-alkylene radical which is optionally mono- or disubstituted by C_1-C_4-alkyl and in which optionally one methylene group is replaced by oxygen or sulphur,

R^{11} represents hydrogen, ~~or represents~~ C_1-C_6-alkyl, C_3-C_6-alkenyl, C_3-C_6-alkynyl or C_1-C_4-alkoxy-C_2-C_4-alkyl, each of which is optionally mono- to trisubstituted by halogen, or represents C_3-C_6-cycloalkyl which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C_1-C_2-alkyl [[or]] and C_1-C_2-alkoxy and in which ~~optionally~~ one or two not directly

adjacent methylene groups are optionally replaced by oxygen, or represents phenyl or phenyl-C_1-C_3-alkyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkyl, C_1-C_4-haloalkoxy, cyano [[or]] and nitro, and

$R^{11'}$ represents hydrogen, C_1-C_6-alkyl or C_3-C_6-alkenyl.

3. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1, in which .

X represents ethyl or n-propyl,

Y represents chlorine or bromine,

Z represents methyl or ethyl,

A represents methyl, ethyl, n-propyl, n-butyl or isobutyl,

G represents hydrogen (a), ~~or represents one of the groups~~

 (b), (c), (d),

 (e), E (f) or (g) , [[,]]

in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur, ~~and~~

M represents oxygen or sulphur,

R^1 represents C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_1-C_4-alkoxy-C_1-C_2-alkyl, C_1-C_4-alkylthio-C_1-C_2-alkyl or poly-C_1-C_3-alkoxy-C_1-C_2-alkyl, each of which is optionally ~~mono- to pentasubstituted by~~ substituted with one to five substituents selected from the group consisting of fluorine [[or]] and chlorine, monosubstituted by cyano, monosubstituted by -CO-R^{11}, -C=N-OR^{11} or CO_2R^{11}, or represents C_3-C_6-cycloalkyl ~~which is~~ optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, C_1-C_2-alkyl [[or]] and C_1-C_2-alkoxy, wherein ~~and in which optionally~~ one or two not directly adjacent methylene groups are optionally replaced by oxygen,

represents phenyl or benzyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-alkylthio, C_1-C_4-alkylsulphonyl, C_1-C_4-alkylsulphinyl, C_1-C_2-haloalkyl [[or]] and C_1-C_2-haloalkoxy, or

represents pyrazolyl, thiazolyl, pyridyl, pyrimidyl, furanyl or thienyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine [[or]] and C_1-C_2-alkyl,

R^2 represents C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_1-C_4-alkoxy-C_2-C_4-alkyl or poly-C_1-C_4-alkoxy-C_2-C_4-alkyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine,

represents C_3-C_7-cycloalkyl ~~which is~~ optionally monosubstituted by C_1-C_2-alkyl or C_1-C_2-alkoxy or

represents phenyl or benzyl, each of which is optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C_1-C_4-alkyl, methoxy, trifluoromethyl [[or]] and trifluoromethoxy,

R^3 represents C_1-C_4-alkyl which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, or represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, trifluoromethyl, trifluoromethoxy, cyano or nitro,

R^4 and R^5 independently of one another represent C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylamino, di-(C_1-C_6-alkyl)amino, C_1-C_6-alkylthio or C_3-C_4-alkenylthio, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, or represent phenyl, phenoxy or phenylthio, each of which is optionally ~~mono- or disubstituted by~~

substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, nitro, cyano, C_1-C_3-alkoxy, trifluoromethoxy, C_1-C_3-alkylthio, C_1-C_3-alkyl [[or]] and trifluoromethyl,

R^6 and R^7 independently of one another represent hydrogen, ~~represent~~ C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-alkoxy, C_3-C_6-alkenyl or C_1-C_6-alkoxy-C_2-C_6-alkyl, ~~each of which~~ wherein said C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-alkoxy, C_3-C_6-alkenyl or C_1-C_6-alkoxy-C_2-C_6-alkyl is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, represent phenyl ~~which is~~ optionally ~~mono- or disubstituted by~~ substituted with one or two substituents selected from the group consisting of fluorine, chlorine, bromine, trifluoromethyl, C_1-C_4-alkyl [[or]] and C_1-C_4-alkoxy, or R^6 and R^7 together represent a C_5-C_6-alkylene radical which is optionally mono- or disubstituted by methyl and in which optionally one methylene group is replaced by oxygen, and

R^{11} represents C_1-C_4-alkyl, C_3-C_4-alkenyl, C_3-C_4-alkynyl or C_1-C_4-alkoxy-C_2-C_3-alkyl, or represents C_3-C_6-cycloalkyl in which optionally one methylene group is replaced by oxygen.

4. (currently amended) ~~Compounds of the formula (I)~~ The compound according to Claim 1 in which

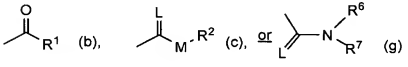
X represents ethyl or n-propyl,

Y represents chlorine or bromine,

Z represents methyl or ethyl,

A represents methyl, ethyl or n-propyl,

G represents hydrogen (a), or ~~represents one of the groups~~



in which

L represents oxygen, and

M represents oxygen or sulphur,

R^1 represents C_1-C_6-alkyl, C_2-C_6-alkenyl, C_1-C_2-alkoxy-C_1-C_2-alkyl, C_1-C_2-alkylthio-C_1-C_2-alkyl or poly-C_1-C_2-alkoxy-C_1-C_2-alkyl, each of which is optionally ~~mono- to trisubstituted by~~ substituted with one, two or three substituents selected from the group consisting of fluorine [[or]] and chlorine, or represents cyclopropyl, cyclopentyl or cyclohexyl, each of which is optionally monosubstituted by fluorine, chlorine, methyl, ethyl or methoxy,

represents phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, ethyl, n-propyl, isopropyl,

methoxy, ethoxy, methylthio, ethylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, trifluoromethyl or trifluoromethoxy,

represents furanyl, thienyl or pyridyl, each of which is optionally monosubstituted by chlorine, bromine or methyl,

R^2 represents C_1-C_8-alkyl, C_2-C_6-alkenyl, [[or]] C_1-C_3-alkoxy-C_2-C_3-alkyl, cyclopentyl or cyclohexyl,

or represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, methoxy, trifluoromethyl or trifluoromethoxy,

R^6 represents hydrogen, ~~represents~~ C_1-C_4-alkyl, C_3-C_6-cycloalkyl, [[or]] allyl, or represents phenyl, wherein said phenyl ~~which~~ is optionally monosubstituted by fluorine, chlorine, bromine, methyl, methoxy or trifluoromethyl,

R^7 represents methyl, ethyl, n-propyl, isopropyl or allyl,

R^6 and R^7 together represent a C_5-C_6-alkylene radical in which optionally one methylene group is replaced by oxygen.

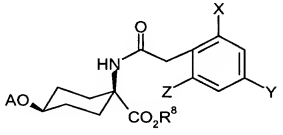
5. (currently amended) ~~Process~~ A process for preparing a compound ~~compounds~~ of the formula (I) according to Claim 1, ~~characterized in that, to obtain~~ comprising

A) ~~compounds of the formula (I-a)~~

~~in which~~

~~A, X, Y and Z are as defined above,~~

condensing intramolecularly a compound ~~compounds~~ of the formula (II),



(II)

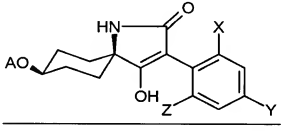
in which

A, X, Y and Z are as defined ~~above~~ in Claim 1

and

R^8 represents alkyl,

~~are condensed intramolecularly~~ in the presence of a diluent and in the presence of a base, to obtain a compound of the formula (I-a),

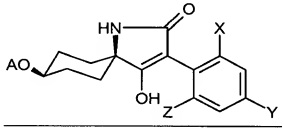


(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

(B) ~~compounds of the formula (I-b) shown above in which A, R^1, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

α) with an acid halide ~~halides~~ of the formula (III),

(III)

in which

R^1 is as defined ~~above~~ in Claim 1 and

Hal represents halogen

or

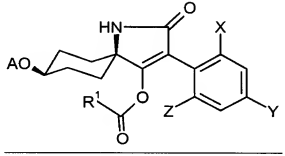
ß) with a carboxylic anhydride ~~anhydrides~~ of the formula (IV),

$$R^1\text{-CO-O-CO-}R^1 \qquad \text{(IV)}$$

in which

R^1 is as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-b)

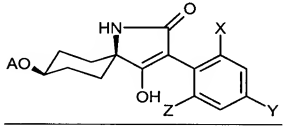


(I-b)

wherein A, R^1, X, Y and Z are as defined in Claim 1,

(C) ~~compounds of the formula (I-c) shown above in which A, R^2, M, X, Y and Z are as defined above and L represents oxygen, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

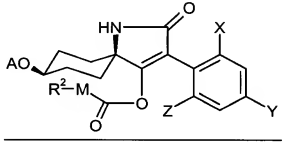
with a chloroformic ester ~~esters~~ or a chloroformic thioester ~~thioesters~~ of the formula (V),

$$R^2\text{-M-CO-Cl} \qquad (V)$$

in which

R^2 and M are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-c)

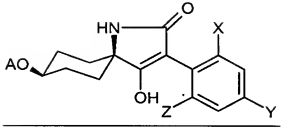


(I-c)

wherein A, R^2, M, X, Y and Z are as defined in Claim 1, and L is oxygen,

(D) ~~compounds of the formula (I-c) shown above in which A, R^2, M, X, Y and Z are as defined above and L represents sulphur, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

α) with a chloromonothioformic ester ~~esters~~ or a chlorodithioformic ester ~~esters~~ of the formula (VI),

(VI)

in which

M and R^2 are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder,

or

ß) with carbon disulphide and then with a compound ~~compounds~~ of the formula (VII),

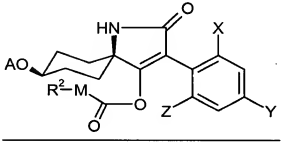
$$R^2\text{-Hal} \qquad \text{(VII)}$$

in which

R^2 is as defined ~~above~~ in Claim 1 and

Hal represents chlorine, bromine or iodine,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of a base, to obtain a compound of the formula (I-c)

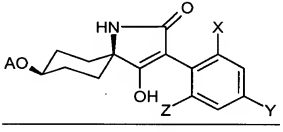


(I-c)

wherein A, R^2, M, X, Y and Z are as defined in Claim 1, and L is sulphur,

(E) ~~compounds of the formula (I-d) shown above in which A, R^3, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

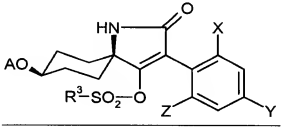
with a sulphonyl chloride ~~chlorides~~ of the formula (VIII),

R^3-SO_2-Cl (VIII)

in which

R^3 is as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-d)

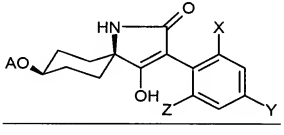


(I-d)

wherein A, R^3, X, Y, and Z are as defined in Claim 1,

(F) ~~compounds of the formula (I-e) shown above in which A, L, R^4, R^5, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

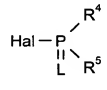
reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

with a phosphorus compound ~~compounds~~ of the formula (IX),



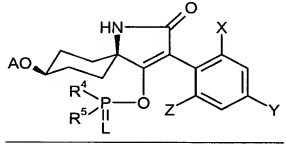
(IX)

in which

L, R^4 and R^5 are as defined ~~above~~ in Claim 1 and

Hal represents halogen,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-e)

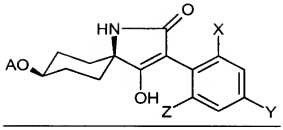


(I-e)

wherein A, L, R^4, R^5, X, Y and Z are as defined in Claim 1,

(G) ~~compounds of the formula (I-f) shown above in which A, E, X, Y and Z are as defined above, compounds of the formula (I-a) in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

with a metal compound ~~compounds~~ or amine ~~amines~~ of the formulae (X) or (XI), respectively,

$Me(OR^8)_t$ (X) (XI)

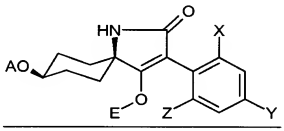
in which

Me represents a mono- or divalent metal,

t represents the number 1 or 2 and

R^8, R^9, and R^{10} independently of one another represent hydrogen or alkyl,

~~if appropriate~~ optionally in the presence of a diluent, to obtain a compound of the formula (I-f)

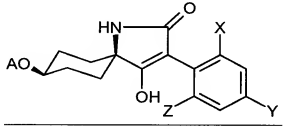


(I-f)

wherein A, E, X, Y and Z are as defined in Claim 1,

(H) ~~compounds of the formula (I-g) shown above in which A, L, R^6, R^7, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, X, Y and Z are as defined above are in each case reacted~~

reacting a compound of the formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1,

α) with an isocyanate ~~isocyanates~~ or an isothiocyanate ~~isothiocyanates~~ of the formula (XII),

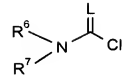
$$R^6\text{-}N{=}C{=}L \qquad \text{(XII)}$$

in which

R^6 and L are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of a catalyst, or

ß) with a carbamoyl chloride ~~chlorides~~ or a thiocarbamoyl chloride ~~chlorides~~ of the formula (XIII),

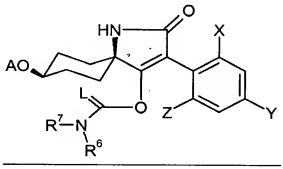


(XIII)

in which

L, R^6 and R^7 are as defined ~~above~~ in Claim 1,

~~if appropriate~~ optionally in the presence of a diluent and ~~if appropriate~~ optionally in the presence of an acid binder, to obtain a compound of the formula (I-g)

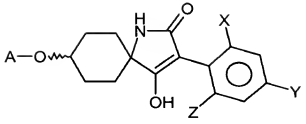


(I-g)

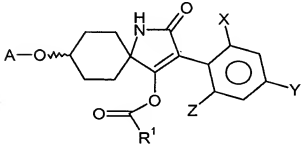
wherein A, L, R^6, R^7, X, Y and Z are as defined in Claim 1,

(I) ~~compounds of the formulae (I-a) to (I-g) shown above, cis/trans isomer mixtures of formulae (I-a') to (I-g'), known, for example, from EP-A-835 243,~~

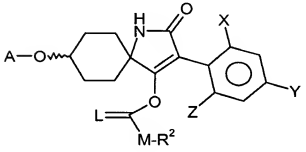
separating the cis/trans isomer mixture of a compound of formula (I-a')-(I-g'):



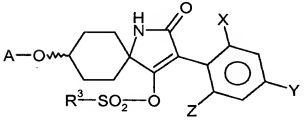
(I-a')$_a$



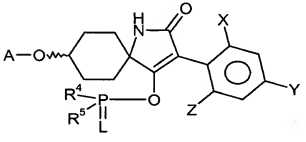
(I-b')$_a$



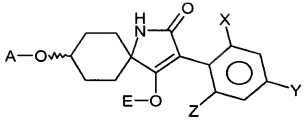
(I-c')$_a$



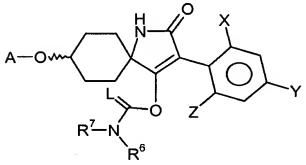
(I-d')$_a$



(I-e')$_a$



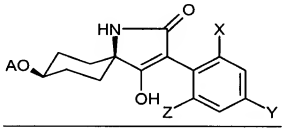
(I-f'), or



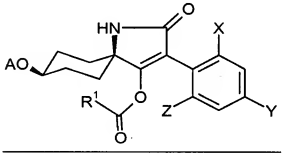
(I-g')

in which

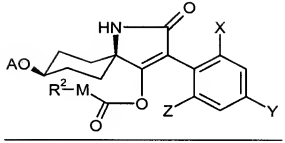
A, E, L, M X, Y, Z, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 are as defined ~~above~~ in Claim 1, ~~are separated~~ using a physical separation process ~~processes, such as, for example, column chromatography or fractional crystallization,~~ to obtain the respective cis-isomer of the formula (I-a)-(I-g):



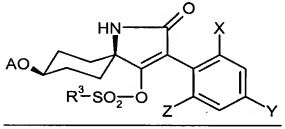
(I-a),



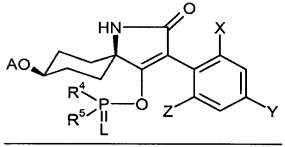
(I-b),



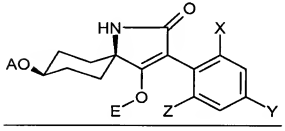
(I-c),



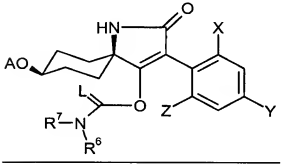
(I-d),



(I-e),

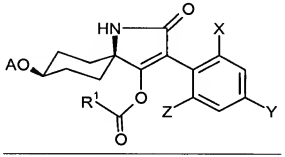


(I-f), or

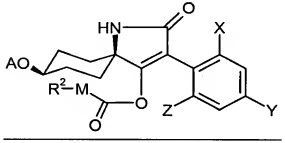


(I-g), or

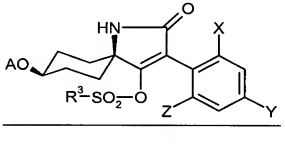
(J) ~~compounds of the formula (I-a), compounds~~ hydrolyzing a compound of the formula ~~formulae~~ (I-b), (I-c), (I-d), (I-e), (I-f) or (I-g):



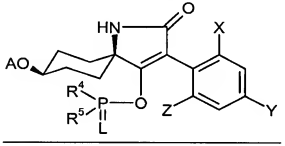
(I-b),



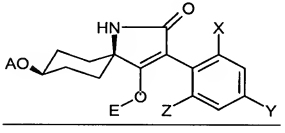
(I-c),



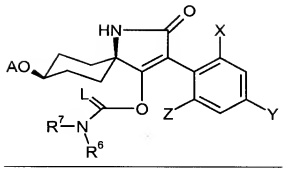
(I-d),



(I-e),

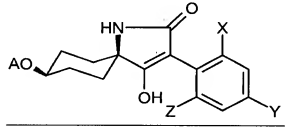


(I-f), or



(I-g),

in which A, E, L, M, X, Y, Z, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 are as defined ~~above~~ in Claim 1 ~~are hydrolysed using, for example, aqueous bases~~ and then ~~acidified~~ acidifying to obtain a compound of formula (I-a)



(I-a)

wherein A, X, Y and Z are as defined in Claim 1.

6. (cancelled)

7. (currently amended) ~~Pesticides and/or herbicides, characterized in that they comprise~~ A pesticide or a herbicide preparation, comprising at least one compound ~~of the formula (I)~~ according to Claim 1.

8. (currently amended) A method ~~Method~~ for controlling animal pests ~~and/or~~ or unwanted vegetation, ~~characterized in that compounds~~ comprising contacting a compound ~~of the formula (I)~~ according to Claim 1 ~~are allowed to act on~~ with pests ~~and/or~~ or their habitat or unwanted vegetation.

9. (cancelled)

10. (currently amended) ~~Process~~ A process for preparing ~~pesticides and/or herbicides, characterized in that compounds~~ a pesticide or a herbicide preparation, comprising mixing a compound ~~of the formula (I)~~ according to Claim 1 ~~are mixed~~ with one or more extenders ~~and/or~~ or surfactants, or combinations thereof.

11. (currently amended) A composition ~~Composition~~, comprising an effective amount of a combination of active compounds comprising

(a') at least one ~~substituted cyclic ketoenol~~ compound ~~of the formula (I) in which A, G, X, Y and Z are as defined above~~ according to Claim 1

and

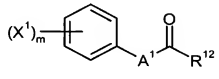
(b') at least one crop plant compatibility-improving compound selected from the ~~following~~ group consisting of ~~compounds~~:

4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane (AD-67, MON-4660), 1-dichloroacetylhexahydro-3,3,8a-trimethylpyrrolo[1,2-a]pyrimidin-6(2H)-one (dicyclonon, BAS-145138), 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine (benoxacor), 1-methylhexyl 5-chloroquinoline-8-oxyacetate (cloquintocet-mexyl [[-]] ~~cf. also related compounds in EP-A 86750, EP-A 94349, EP-A 191736, EP-A 492366~~), 3-(2-chlorobenzyl)-1-(1-methyl-1-phenylethyl)urea (cumyluron), α-(cyanomethoximino)phenylacetonitrile (cyometrinil), 2,4-dichlorophenoxyacetic acid (2,4-D), 4-(2,4-dichlorophenoxy)butyric acid (2,4-DB), 1-(1-methyl-1-phenylethyl)-3-(4-methylphenyl)urea (daimuron, dymron), 3,6-dichloro-

2-methoxybenzoic acid (dicamba), S-1-methyl 1-phenylethyl piperidine-1-thiocarboxylate (dimepiperate), 2,2-dichloro-N-(2-oxo-2-(2-propenyl-amino)ethyl)-N-(2-propenyl)acetamide (DKA-24), 2,2-dichloro-N,N-di-2-propenylacetamide (dichlormid), 4,6-dichloro-2-phenylpyrimidine (fenclorim), ethyl 1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylate (fenchlorazole-ethyl [[-]] ~~cf. also related compounds in EP-A-174562 and EP-A-346620~~), phenylmethyl 2-chloro-4-trifluoromethylthiazole-5-carboxylate (flurazole), 4-chloro-N-(1,3-dioxolan-2-ylmethoxy)-α-trifluoroacetophenone oxime (fluxofenim), 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine (furilazole, MON-13900), ethyl 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylate (isoxadifen-ethyl [[-]] ~~cf. also related compounds in WO-A-95/07897~~), 1-(ethoxycarbonyl)ethyl 3,6-dichloro-2-methoxybenzoate (lactidichlor), (4-chloro-o-tolyloxy)acetic acid (MCPA), 2-(4-chloro-o-tolyloxy)propionic acid (mecoprop), diethyl 1-(2,4-dichorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate (mefenpyr-diethyl [[-]] ~~cf. also related compounds in WO-A-91/07874~~), 2-dichloromethyl-2-methyl-1,3-dioxolane (MG-191), 2-propenyl 1-oxa-4-azaspiro[4.5]decane-4-carbodithioate (MG-838), 1,8-naphthalic anhydride, α-(1,3-dioxolan-2-ylmethoximino)phenylacetonitrile (oxabetrinil), 2,2-dichloro-N-(1,3-dioxolan-2-ylmethyl)-N-(2-propenyl)acetamide (PPG-1292), 3-dichloroacetyl-2,2-dimethyloxazolidine (R-28725), 3-dichloroacetyl-2,2,5-trimethyloxazolidine (R-29148), 4-(4-chloro-o-tolyl)butyric acid, 4-(4-chlorophenoxy)butyric acid, diphenylmethoxyacetic acid, methyl diphenylmethoxyacetate, ethyl diphenylmethoxyacetate, methyl 1-(2-

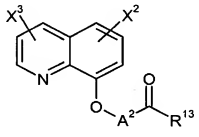
chlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-methyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-isopropyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-(1,1-dimethylethyl)-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate ~~(cf. also related compounds in EP-A-269806 and EP-A-333131)~~, ethyl 5-(2,4-dichlorobenzyl)-2-isoxazoline-3-carboxylate, ethyl 5-phenyl-2-isoxazoline-3-carboxylate, ethyl 5-(4-fluorophenyl)-5-phenyl-2-isoxazoline-3-carboxylate ~~(cf. also related compounds in WO-A-91/08202)~~, 1,3-dimethylbut-1-yl 5-chloroquinoline-8-oxyacetate, 4-allyloxybutyl 5-chloroquinoline-8-oxyacetate, 1-allyloxyprop-2-yl 5-chloroquinoline-8-oxyacetate, methyl 5-chloroquinoxaline-8-oxyacetate, ethyl 5-chloroquinoline-8-oxyacetate, allyl 5-chloroquinoxaline-8-oxyacetate, 2-oxoprop-1-yl 5-chloroquinoline-8-oxyacetate, diethyl 5-chloroquinoline-8-oxymalonate, diallyl 5-chloroquinoxaline-8-oxymalonate, diethyl 5-chloroquinoline-8-oxymalonate ~~(cf. also related compounds in EP-A-582198)~~, 4-carboxychroman-4-ylacetic acid (AC-304415~~, cf. EP-A-613618~~), 4-chlorophenoxyacetic acid, 3,3'-dimethyl-4-methoxybenzophenone, 1-bromo-4-chloromethylsulphonylbenzene, 1-[4-(N-2-methoxybenzoylsulphamoyl)phenyl]-3-methylurea (also known as N-(2-methoxybenzoyl)-4-[(methylaminocarbonyl)amino]benzenesulphonamide), 1-[4-(N-2-methoxybenzoylsulphamoyl)phenyl]-3,3-dimethylurea, 1-[4-(N-4,5-dimethylbenzoylsulphamoyl)phenyl]-3-methylurea, 1-[4-(N-naphthylsulphamoyl)phenyl]-3,3-dimethylurea, and N-(2-methoxy-5-methylbenzoyl)-4-(cyclopropylaminocarbonyl)benzenesulphonamide,

~~and/or one of the following compounds, defined by general formulae,~~ a compound of the general formula (IIa)



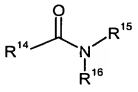
(IIa),

[[or]] a compound of the general formula (IIb)



(IIb), or

[[or]] a compound of the formula (IIc)

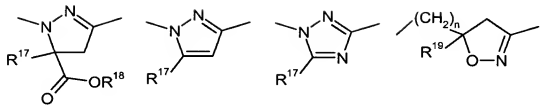


(IIc)

where

m represents a number 0, 1, 2, 3, 4 or 5,

A^1 represents one of the following divalent heterocyclic groups ~~groupings shown below,~~



n represents a number 0, 1, 2, 3, 4 or 5,

A^2 represents ~~optionally C_1-C_4-alkyl- and/or C_1-C_4-alkoxycarbonyl-substituted~~ alkanediyl having 1 or 2 carbon atoms optionally substituted with one or more substituents selected from the group consisting of C_1-C_4-alkyl and C_1-C_4-alkoxycarbonyl,

R^{12} represents ~~hydroxyl~~ hydroxy, mercapto, amino, C_1-C_7-alkoxy, C_1-C_6-alkenyloxy, C_1-C_6-alkenyloxy-C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-(C_1-C_4-alkyl)amino,

R^{13} represents ~~hydroxyl~~ hydroxy, mercapto, amino, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-(C_1-C_4-alkyl)amino,

R^{14} represents in each case ~~optionally fluorine-, chlorine- and/or bromine-substituted~~ C_1-C_4-alkyl optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine,

R^{15} represents hydrogen, ~~in each case optionally fluorine-, chlorine- and/or bromine-substituted~~ C_1-C_6-alkyl, C_2-C_6-alkenyl or C_2-C_6-alkynyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine, C_1-C_4-alkoxy-C_1-C_4-alkyl, dioxolanyl-C_1-C_4-

alkyl, furyl, furyl-C_1-C_4-alkyl, thienyl, thiazolyl, piperidinyl, [[or]] phenyl optionally substituted with one or more substituents selected from the group consisting of fluorine[[-]], chlorine[[-]] ~~and/or~~ and bromine[[-]], or C_1-C_4-alkyl-substituted phenyl,

R^{16} represents hydrogen, ~~in each case optionally fluorine-, chlorine- and/or bromine-substituted~~ C_1-C_6-alkyl, C_2-C_6-alkenyl or C_2-C_6-alkynyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine, C_1-C_4-alkoxy-C_1-C_4-alkyl, dioxolanyl-C_1-C_4-alkyl, furyl, furyl-C_1-C_4-alkyl, thienyl, thiazolyl, piperidinyl, [[or]] phenyl optionally substituted with one or more substituents selected from the group consisting of fluorine[[-]], chlorine[[-]] ~~and/or~~ and bromine[[-]], or C_1-C_4-alkyl-substituted phenyl, or R^{15} and R^{16} together ~~also~~ represent C_3-C_6-alkanediyl or C_2-C_5-oxaalkanediyl, each of which is optionally substituted by C_1-C_4-alkyl, phenyl, furyl, a fused benzene ring or by two substituents which, together with the C atom to which they are attached, form a 5- or 6-membered carbocycle,

R^{17} represents hydrogen, cyano, or halogen, or ~~represents in each case optionally fluorine-, chlorine- and/or bromine-substituted~~ C_1-C_4-alkyl, C_3-C_6-cycloalkyl or phenyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine,

R^{18} represents hydrogen or optionally [[hydroxyl-]] hydroxy-, cyano-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl or tri(C_1-C_4-alkyl)silyl,

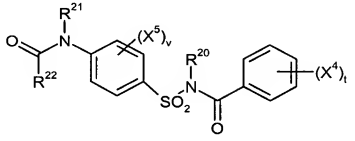
R^{19} represents hydrogen, cyano, or halogen, or ~~represents in each case optionally fluorine-, chlorine- and/or bromine-substituted~~ C_1-C_4-alkyl, C_3-C_6-cycloalkyl or phenyl in each case optionally substituted with one or more substituents selected from the group consisting of fluorine, chlorine and bromine,

X^1 represents nitro, cyano, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy,

X^2 represents hydrogen, cyano, nitro, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy,

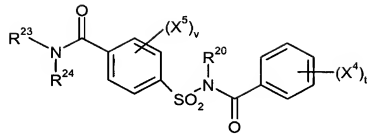
X^3 represents hydrogen, cyano, nitro, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy,

~~and/or the following compounds, defined by general formulae,~~ or selected from the group consisting of a compound of the general formula (IId)



(IId)

[[or]] and a compound of the general formula (IIe)



(IIe)

where

t represents a number 0, 1, 2, 3, 4 or 5,

v represents a number 0, 1, 2, 3, 4 or 5,

R^{20} represents hydrogen or C_1-C_4-alkyl,

R^{21} represents hydrogen or C_1-C_4-alkyl,

R^{22} represents hydrogen, in each case optionally cyano-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylthio, C_1-C_6-alkylamino or di-(C_1-C_4-alkyl)amino, or in each case optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkylthio or C_3-C_6-cycloalkylamino,

R^{23} represents hydrogen, optionally cyano-, [[hydroxyl-]] hydroxy-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, in each case optionally cyano- or halogen-substituted C_3-C_6-alkenyl or C_3-C_6-alkynyl, or optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl,

R^{24} represents hydrogen, optionally cyano-, [[hydroxyl-]] hydroxy-, halogen- or C_1-C_4-alkoxy-substituted C_1-C_6-alkyl, in each case optionally cyano- or halogen-

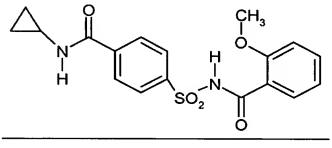
substituted C_3-C_6-alkenyl or C_3-C_6-alkynyl, optionally cyano-, halogen- or C_1-C_4-alkyl-substituted C_3-C_6-cycloalkyl, or optionally nitro-, cyano-, halogen-, C_1-C_4-alkyl-, C_1-C_4-haloalkyl-, C_1-C_4-alkoxy- or C_1-C_4-haloalkoxy-substituted phenyl, or R^{22} together with R^{23} ~~represents~~ represent in each case optionally C_1-C_4-alkyl-substituted C_2-C_6-alkanediyl or C_2-C_5-oxaalkanediyl,

X^4 represents nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, ~~hydroxyl~~ hydroxy, amino, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy, and

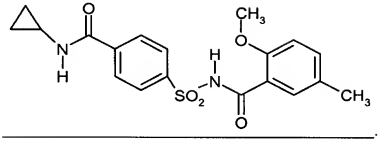
X^5 represents nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, ~~hydroxyl~~ hydroxy, amino, halogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy or C_1-C_4-haloalkoxy.

12. (currently amended) ~~Composition~~ The composition according to Claim 11, where the crop plant compatibility-improving compound is selected from the ~~following~~ group consisting of ~~compounds:~~

cloquintocet-mexyl, fenchlorazole-ethyl, isoxadifen-ethyl, mefenpyr-diethyl, furilazole, fenclorim, cumyluron, dymron, ~~or the compounds IIe-5 or IIe-11~~



and

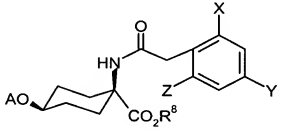


13. (currently amended) ~~Composition~~ The composition according to Claim ~~11 or~~ 12, where the crop plant compatibility-improving compound is cloquintocet-mexyl or mefenpyr-diethyl.

14. (currently amended) ~~Method~~ A method for controlling unwanted vegetation, ~~characterized in that~~ comprising contacting a composition according to Claim 11 ~~is allowed to act on the plants or their habitat~~ with unwanted vegetation.

15. (cancelled)

16. (currently amended) ~~Compounds~~ A compound of the formula (II)



(II)

in which

A represents alkyl,

X represents C_2-C_4-alkyl,

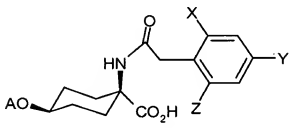
Y represents halogen,

Z represents C_1-C_4-alkyl, and

R^8 represents alkyl.

~~A, X, Y, Z and R^8 are as defined above.~~

17. (currently amended) ~~Compounds~~ A compound of the formula (XVI)



(XVI)

in which

A represents alkyl,

X represents C_2-C_4-alkyl,

Y represents halogen, and

Z represents C_1-C_4-alkyl.

~~A, X, Y and Z are as defined above.~~